

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2006/000011

A. CLASSIFICATION OF SUBJECT MATTER IPC: H01L 23/34 (2006.01) , H01L 33/00 (2006.01) According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC: H01L 23/34 (2006.01) , H01L 33/00 (2006.01)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used) Databases: Delphion, Esp@cenet Keywords: thermally, electrically, conductive, layers, thermally conductive substrate, electrically conductive, electronic devices, led, interconnect, heat sink		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6194246 (27-02-2001) Anderson et al.	1-11, 16-18
Y	col. 3, line 7 - col. 6, line 39; col. 6, line 59 - col. 7, line 49; fig. 8 & 9	14
Y	US5903583 (11-05-1999) Ullman et al. col. 1, line 10 - col. 4, line 24	14
A	US6159764 (12-12-2000) Kinsman et al. abstract	1-18
A	US6150716 (21-11-2000) MacQuarrie et al. abstract	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search 5 May 2006 (05-05-2006)		Date of mailing of the international search report 10 May 2006 (10-05-2006)
Name and mailing address of the ISA/CA Canadian Intellectual Property Office Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street Gatineau, Quebec K1A 0C9 Facsimile No.: 001(819)953-2476		Authorized officer Coralie Gill (819) 934-5143

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Information on patent family members

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Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
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